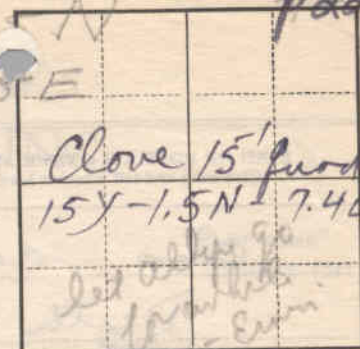


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL



Locate well on plat of section.

1. Location: State New York County Putnam
Nearest P. O. Patterson Direction from P. O. N
Distance from P. O. 1/2 miles; 1/4 sec. T, R. R.
If in city, give street and number Town of Patterson

2. Owner: Eastern Mineral Co. Address Patterson, N.Y.
Patterson Lime Products Co. Address Canaan, Conn.
Driller: L. Allen

3. Situation: Is well on upland, in valley, or on hillside? Valley

4. Elevation of top of well: 440 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: Dug ; kind of drilling rig used S. T.
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 54 ft.; year in which well was finished 1947
53 ft. Does well enter rock? Yes; if so, at what depth? 0 ft.; kind of rock limestone

7. Diameter: At top 8 inches; at bottom 8 inches. Wappinger terrane

8. Principal water bed: Rock - limestone Archbridge limestone
(Gravel, sand, clay, or rock. If rock, state kind)

Depth to principal water bed 32' ft.; thickness of bed ft.

If other water supplies were found, give depth to each

9. Casings: Kind ; size ; length ft.; between depths of and ft.

Kind ; size ; length ft.; between depths of and ft.

Kind ; size ; length ft.; between depths of and ft.

Packers (if any): Depth at which packers were used ; kind

Screen or Strainer: Was well finished with screen? ; kind of screen

length of screen ft.; diameter inches; size of openings

10. Head: Does well at present overflow without pumping? No; did it overflow when new?

if flowing, give pressure lb. per sq. inch; or height water will rise in a pipe ft. above surface;

original pressure or head ; if not flowing, give water level in well 7.4 ft. below surface.

11. Pump: Is the well pumped? Yes; kind of pump shallow well pump

size or capacity of pump ; kind of power elec hand - DW

12. Yield: Natural flow at present (if any) gallons per minute; original flow gallons per minute;

well has been pumped at 10 gallons per minute continuously for 8 hours;

quantity of water ordinarily obtained from well gallons per day.

13. Use: For what purpose is the water used? Drinking water for mill

14. Quality of the water: ; is there an analysis? Sample taken

15. Cost of well, not including pump: 46.50; Temperature of water 49 °F.

Name of person filling blank Les Page (Aug 49) - 1st year from present

Date Oct 26, 1951 Address U.S. Dept. Surgeon Albany

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

EASTERN MINERAL CO., INC.

PATTERSON, NEW YORK

LIMESTONE PRODUCTS

FILLERS AND EXTENDERS

FINE AGGREGATES

ASPHALT FILLER

MARBLE DUST

FERTILIZER DOLOMITE

AGRICULTURAL LIMESTONE

TELEPHONE
PATTERSON 3321

March 26, 1952.

Mr. I. G. Grossman,
U. S. Geological Survey,
332 Federal Building,
Albany, 1, N. Y.

Dear Mr. Grossman:

As requested we send you the following analysis of a
sample of our limestone:

Moisture	- - - - -	0.02%
Loss on Ignition	- - - - -	41.16%
Calcium Oxide (CaO)	- - - - -	29.15%
Magnesium Oxide (MgO)	- - - - -	18.29%
Silica (SiO ₂)	- - - - -	7.86%
Alumina (Al ₂ O ₃)	- - - - -	0.84%
Iron Oxide (Fe ₂ O ₃)	- - - - -	0.39%
Manganese Oxide (MnO)	- - - - -	0.02%
Sulphur	- - - - -	0.08%

Will you kindly send us a copy of the analysis of the
sample of water from our well.

Thanking you in advance.

Very truly yours,

EASTERN MINERAL CO. INC.

Jesse Starkman
Jesse Starkman
President.

JS:NS.

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
also dug well 250 feet NE of drilled well				
Depth	-	5.2		
Diam	-	36"		
Depth to w.	-	3.0'		
Temperature	-	50°		
3 H.P. motor with Worthington centr. pump.				
Pump driven beyond bottom of				
dug well - exact depth not known				
<u>George Baker</u>				
10 GPM - 8 hr. pump test				
Static level	-	5 ft.		
Pumping level	-	14 ft.		
Drilling - Speed - L.E. Allen -				
East Canada, Co.				
Allen - water reached at 32 ft.				
Drill - 12 m to 4 p.m. - 14 hrs.				
51 hrs drilling to drill 55 ft.				
6 1/2				
306				
25				
331				

6 1/2
151
306
25
331

151
331
330